

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

MILLER.

Application No.: 09/751,577

Filed: December 29, 2000

For: METHODS AND SYSTEMS FOR  
TREATING TEETH

Examiner: John J. Wilson

Art Unit: 3732

**AMENDMENT AND RESPONSE**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated April 10, 2002, please amend the  
above-identified application as follows:

**IN THE CLAIMS:**

- 1                   1.       (Amended) A system for repositioning teeth from an initial tooth
- 2       arrangement to a final tooth arrangement, said system comprising a plurality of dental
- 3       incremental position adjustment appliances including:
- 4                   [one or more] a plurality of appliances, each having a geometry selected to
- 5       reposition the teeth from a first arrangement to a second arrangement, wherein the
- 6       appliances comprise polymeric shells having cavities and wherein the cavities of
- 7       successive shells have different geometries shaped to receive and resiliently reposition
- 8       teeth from the first to the second arrangement; and
- 9                   one or more wire and bracket systems to progressively reposition the teeth
- 10      from one arrangement to a successive arrangement, the wire and bracket systems and
- 11      appliances being deployed in seriatim to reposition teeth from the initial tooth
- 12      arrangement to the final tooth arrangement.